Date: Fri, 19 Nov 93 04:30:42 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #113
To: Ham-Digital

Ham-Digital Digest Fri, 19 Nov 93 Volume 93 : Issue 113

Today's Topics:

Hi Speed Packet Help
MFJ 1278 for FAX
Need info on exotic digital modes.
Packet antenna?????
Question about GLB FirmWare (2 msgs)
Subscribe
wb7tpy gateway (2 msgs)
Windows NT Packet TCP/IP

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 19 Nov 93 01:14:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: Hi Speed Packet Help
To: ham-digital@ucsd.edu

Hello,

I am working on a presentation that concerns implementing ATM on Packet
Radio. I need information on the current work being done in high speed
data transmission over RF Links. (56kbps and higher) If you have
information on this topic, or know where I can find it, please send
e-mail to kshaw@s850.mwc.edu.

Thanks,

Kelly Shaw
AC4MB

Date: Mon, 15 Nov 93 21:43:04 EST
From: usc!howland.reston.ans.net!noc.near.net!news.delphi.com!
usenet@network.ucsd.edu
Subject: MFJ 1278 for FAX
To: ham-digital@ucsd.edu

AAAARRRRGGGHHHHHH...
I have been trying to recieve HF FAX transmissions with my 1278 to no avail.
[C

that works? Additionally, a source for skeds on fax and rtty transmissions
would be appreciated.

thanks,
pete brunelli

reply here or to BRUNELLI_PC@delphi.com

Date: 17 Nov 93 22:41:00 GMT
From: ogicse!uwm.edu!cs.utexas.edu!howland.reston.ans.net!spool.mu.edu!mixcom.com!
kevin.jessup@network.ucsd.edu
Subject: Need info on exotic digital modes.
To: ham-digital@ucsd.edu

I'm currently searching for any amateur radio magazines/newspapers
devoted strictly to 1990s-level digital RF technology. "Analog" or
digital frequency-hopping spread-spectrum is also an interest.
There just isn't much in QST, CQ, Amateur Radio, or anything else.
Is there such an amateur radio publication? I am already aware of
the ARRL spread spectrum book.

I'm also interested in any commercial RF industry weekly/monthly
periodicals devoted to hi-tech (non-CW, non-SSB ;-) communications
involving digital data, digitally encoded voice, SS, microwave, etc.

Also of interest are any current textbooks covering SS, high-
frequency RF and digital modes in general.

Besides upgrading my technical knowledge of amateur radio, I'm
also considering a carreer change to RF! I'm an EE so books

that go into great detail are not a problem. That is, in fact,
exactly what I am looking for. Thanks for the help!

--
 /`-_ kevin.jessup@mixcom.com | The US Constitution defines the
 { }/ Marquette Electronics, Inc | "rights" the people give to the
 \ / Milwaukee, Wisconsin, USA | government, not the reverse!
 |__*| N9SQB, ARRL, Amateur Radio |

Date: 16 Nov 1993 01:50:25 GMT
From: usc!howland.reston.ans.net!sol.ctr.columbia.edu!caen!
saimiri.primate.wisc.edu!xanth.cs.odu.edu!news.cs.odu.edu!partos@network.ucsd.edu
Subject: Packet antenna?????
To: ham-digital@ucsd.edu

I am currently working packet with an HT and a J-pole. What about
adding an amp to the system? Any suggestions? Thanks for any help.

Dick
--
|---|
| Richard D. Partos KE4AZJ Norfolk, VA |
Internet: r.d.partos@larc.nasa.gov

Date: 17 Nov 93 21:38:06 GMT
From: ogicse!news.tek.com!gvgpsa.gvg.tek.com!gold.gvg.tek.com!gvgadg.gvg.tek.com!
jimm@network.ucsd.edu
Subject: Question about GLB FirmWare
To: ham-digital@ucsd.edu

>
> I'm the proud keeper of a GLB TNC on a lifetime loan; this TNC is a Z80 based
> all software device (no encoder-decoder, ACIA chip, anything).
>

> Thanks in advance.
>

> Ing.Pedro E. Colla - Mail:colla@burzaco.satlink.net - Buenos Aires -
Argentina

I have GLB TNC as well, it was purchase in Jan 1986. It is a clone
of the TAPR TNC 2 and runs TAPR TNC2 ROM's just fine. By the way,

the new version software requires you to also change out the RAM
and upgrade to more RAM. All in all an easy modification. TAPR
will sell you a kit and update instructions for their TNC2 which
follows to the GLB TNC. .HEX files are available through FTP from
a number of sites, if you can program your own PROMS.

Jim Michener K9JM

Date: 18 Nov 93 15:03:01 GMT
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: Question about GLB FirmWare
To: ham-digital@ucsd.edu

In article <7691@gold.gvg.tek.com> jimm@gvgadg.gvg.tek.com writes:
>>
>> I'm the proud keeper of a GLB TNC on a lifetime loan; this TNC is a Z80 based
>> all software device (no encoder-decoder, ACIA chip, anything).
>
>> Thanks in advance.
>>
>--
>> Ing.Pedro E. Colla - Mail:colla@burzaco.satlink.net - Buenos Aires -
>Argentina
>
>I have GLB TNC as well, it was purchase in Jan 1986. It is a clone
>of the TAPR TNC 2 and runs TAPR TNC2 ROM's just fine. By the way,
>the new version software requires you to also change out the RAM
>and upgrade to more RAM. All in all an easy modification. TAPR
>will sell you a kit and update instructions for their TNC2 which
>follows to the GLB TNC. .HEX files are available through FTP from
>a number of sites, if you can program your own PROMS.
>
>Jim Michener K9JM

Wrong GLB Jim. The one you have is a TAPR TNC2 copy that GLB came
out with as a last gasp. Their original TNC pre-dates the TNC2 and
is indeed an all software bit banger. It supports the Vancouver
protocol and the orignial AX25 protocol. To answer the original
question, as far as I know there is no updated firmware available
for the original GLB.

Gary
--
Gary Coffman KE4ZV | Where my job's going, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | I don't know. It might | uunet!rsiatl!ke4zv!gary
534 Shannon Way | wind up in Mexico. | emory!kd4nc!ke4zv!gary

Lawrenceville, GA 30244 | -NAFTA Blues |

Date: 18 Nov 93 15:20:18 GMT
From: news-mail-gateway@ucsd.edu
Subject: Subscribe
To: ham-digital@ucsd.edu

subscribe

Date: 17 Nov 93 17:35:39 GMT
From: ogicse!emory!dragon!nj8j!ben@network.ucsd.edu
Subject: wb7tpy gateway
To: ham-digital@ucsd.edu

kenji@k2r.or.jp (Kenji Rikitake) writes:

> In article <cowart.753383276@neptune> cowart@convex.com (Michael Cowart) writ
> |however, today I tried to send one to another ham, and the local mailer dea
> |can't find "gate@wb7tpy.az.usa.na"
>
> NEVER USE HAM RADIO PACKET DOMAIN ADDRESS ON THE INTERNET, PLEASE.
> Note especially for North American stations: .NA is assigned to
> Namibia, which does not have enough bandwidth to accept error mail
> messages.
>
> I strongly urge RLI/MBL/whatever BBS systems to use a pseudo domain
> for themselves, and to QUIT using something quite confusing
> IMMEDIATELY.

Note that there is an alternate 4-character set of 'continent'
designators - this might be a good argument for preferring the
4-character set.

Ben

+--------------------------------------+----------------------------------+
Ben Coleman NJ8J	"All that is not eternal is
AX.25: NJ8J@W4QO.#EAL.#ATL.GA.USA.NA	eternally out of date."
Internet: ben@nj8j.atl.ga.us	C. S. Lewis
+--------------------------------------+----------------------------------+

Date: Tue, 16 Nov 93 16:47:19 MST

From: europa.eng.gtefsd.com!gatech!asuvax!ennews!stat!david@uunet.uu.net
Subject: wb7tpy gateway
To: ham-digital@ucsd.edu

cowart@convex.com (Michael Cowart) writes:

> however, today I tried to send one to another ham, and the local mailer deamo
> can't find "gate@wb7tpy.az.usa.na"
>
> Is this the right address? I can't find the original post.

That is the packet side of the address, the internet address is:

gate@wb7tpy.ampr.org

For full instructions on using the gateway, send mail to:

how-to-gate@stat.com

david

 Internet: david@stat.com FAX: +1 (602) 451-6135
 Bitnet: ATW1H@ASUACAD FidoNet=> 1:114/15
 Amateur Packet ax25: wb7tpy@wb7tpy.az.usa.na

Date: Tue, 16 Nov 1993 18:45:28 GMT
From: elroy.jpl.nasa.gov!usc!sol.ctr.columbia.edu!news.kei.com!das.wang.com!wang!
garyf@decwrl.dec.com
Subject: Windows NT Packet TCP/IP
To: ham-digital@ucsd.edu

root@ka9qpg.ampr.org (The Owner) writes:

>Is anyone working on a Windows NT version of AX.25??

>Tnx Tom talley

Although I haven't tried it myself, I would expect NOS to run in a DOS
window under NT.
I certainly would be happy to hear that someone had written a NDIS driver
for KISS for NT however. Then all we would need is a SMTP daemon, a decent
finger, a decent telnet etc,... :-)

Gary
--

--/* Gary A. Field - WA1GRC, Wang Labs M/S 019-72B, 1 Industrial Ave
 Lowell, MA 01851-5161, (508) 967-2514, email: garyf@wiis.wang.com, EST5EDT
 A waist is a terrible thing to mind! */

Date: Wed, 17 Nov 93 03:13:20 GMT
From: elroy.jpl.nasa.gov!usc!cs.utexas.edu!uwm.edu!linac!uchinews!iitmax!
news@decwrl.dec.com
To: ham-digital@ucsd.edu

References <2bmmso$nc4@organpipe.uug.arizona.edu>, <arog.753190787@BIX.com>,
<jay.3.2CE7C3D8@medicine.dmed.iupui.edu>itmax
Subject : Re: > Re: broadcasting

> I don't believe you need a commercial license to broadcast on FM if you follow
> the FCC rules. The FCC rules say you can transmit on FM but your output has
> to be less than x mVolts a x meters.
>
> JDR electronics carries an FM stereo transmitter kit that is legal if you
> don't modify it by adding things such as a power amplifier and a large antenna.
>
> If anyone is interested, I can lookup an summarize the requirements.
>
> Jay

It just so happens that I have a use for a low-power FM stereo transmitter!
 (Demonstration/education purposes)

I would highly appreciate any data you could provide.

DE N9THH

Arthur M. Mandelin, II ("The Artation") CMSMANDELIN@harpo.acc.iit.edu
"...grey would be the color, if i had a heart."
 -- nine inch nails, "something i can never have" (pretty hate machine)

End of Ham-Digital Digest V93 #113

